

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	45	"5784742"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 09:28
L4	1334	frequency and (triang \$4 with wave) and ("310"/\$.ccls. "318"/\$. ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:19
L5	1132	frequency and (triang \$4 near wave) and ("310"/\$.ccls. "318"/\$. ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:19
L6	1	frequency and (triang \$4 near wave) and ("310"/\$.ccls. "318"/\$. ccls.) and (toothbrush)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:19
L7	91	frequency and (triang \$4 near wave) and ("310"/\$.ccls. "318"/\$. ccls.) and (toothbrush brush)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:19
L8	91	frequency and (triang \$4 near wave) and ("310"/\$.ccls. "318"/\$. ccls.) and (toothbrush brush (brush near head))	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:20
L10	129	frequency and (triang \$4 near wave) and ("310"/\$.ccls. "318"/\$. ccls.) and (toothbrush brush (brush near head) appliance)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:20
S1	120	"5189751"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:23
S2	67	S1 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:24
S3	1422	15/22.1	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:25

S4	320	S3 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:26
S5	82	S3 and (frequency with resonan\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:26
S6	50	S3 and (frequency with resonan\$4) and amplitude	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:29
S7	119	"5378153"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 09:49
S8	2450	15/22.1 310/10	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:01
S9	17	S8 and (triang\$4 with wave)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:01
S10	188222	"318"/\$.ccls. "310"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:56
S11	389	S10 and (duty near factor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:56
S12	185	S10 and (duty near factor) and frequenc\$3 and (modulat\$4 deviat \$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:57
S13	3	S10 and (duty near factor) and frequenc\$3 and (modulat\$4 deviat \$4) and toothbrush	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:57
S14	114	("1832519"   "2044863"   "2246523"   "2278365"   "2709227"   "2734139"   "2878499"   "2917758"   "2977614"   "3159859"   "3493793"   "3500080"   "3535726"   "3538359"   "4787847").PN. OR ("5189751").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 12:05
S15	43	S14 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 12:05

S16	29917	frequency and (duty with (factor cycle)) and amplitude	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 20:51
S17	1230	S16 and (toothbrush brush)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 20:51
S18	118	S16 and (toothbrush )	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 20:51
S19	29144	frequency and (duty near (factor cycle)) and amplitude	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 20:52
S20	118	S19 and toothbrush	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 20:52
S21	1	"20020156402"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/28 20:59
S22	2	"6918300"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/28 21:29

### EAST Search History (Interference)

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9/29/2010 12:44:45 PM

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